

<b>Search Notes</b>	<b>Application/Control No.</b>	<b>Applicant(s)/Patent Under Reexamination</b>
	10590446	FORGACS ET AL.
	<b>Examiner</b> Kailash C Srivastava	<b>Art Unit</b> 1657

## SEARCHED

<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
Partial Search in WEST	Partial Search in WEST	12/18/2010	KCS
NONE	NONE	12/18/2010	KCS
Updated Search in WEST	Updated Search in WEST	8/11/2011	KCS
NONE	NONE	8/11/2011	KCS
Updated Search in WEST	Updated Search in WEST	3/23/2012	KCS
435	395, 397	3/23/2012	

## SEARCH NOTES

<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
Discussed case o reject Claims 52-66 under 35 U.S.C. with Dr. Weber. Also check any ODP rejections	12/09/2010	KCS
Google Seach -three dimensional tissue or cell aggregate	12/06/2010	KCS
STN Search:: BIOSIS, EMBASE, HCPLUS, MEDLINE, REGISTRY	12/14/2010	KCS
Performed INventor Name Searchn	12/18/2010	KCS
Verified Application Priority DAta ( e.g., PCT/US05/05735 filed 2/24/2005 nad 60/547,161 filed 2/24/2004	12/18/2010	KCS
WEST Search:DWPI, EPAB, JPAB, PGPB, USOG, USPT Search Strategy::((COMPOSITION OR SKELETON OR SCAFFOLD) OR TISSUE OR MATERIAL) SAME ((CELLGROWTH) OR (TISSUE REPAIR)) AND (THREEDIMENSION\$5) SAME TISSUE ) SAME MONOLAYER AND (THREE DIMENSION\$5) SAME TISSUE ) AND ((COMPOSITION OR SKELETON OR SCAFFOLD OR TISSUE OR MATERIAL) SAME ((CELL GROWTH) OR (TISSUE REPAIR)) ) (Matrix\$6 or matrices ) same ("3D" OR ("3") near5(D OR DIMENSION\$8)) same computer same (simulat\$7 or assist\$7 or de	12/18/2010	KCS

/Kailash C Srivastava/  
Examiner.Art Unit 1657

## SEARCH NOTES

Search Notes	Date	Examiner
Layer\$5 and (matrix\$4 or matrices ) and (cell\$6 and (aggregat\$4 or composit\$5 or scaffold\$4) and embed\$6 and ("3D") OR ((3") and (D OR DIMENSION\$8)) and atrix\$6 or matrices ) or assist\$7 or design\$5 or(assisted and design\$5)) and embed\$6 and ("3D") OR ((3") and (D OR DIMENSION\$8)) and Matrix\$6 or matrices ) and (Layer\$5 and (matrix\$4 or matrices) and cell\$6 and (aggregat\$4 or composit\$5 or scaffold\$4) and embed\$6 and ("3D") OR ((3") and (D OR DIMENSION\$8)) and Matrix\$6 or matrices	12/18/2010	KCS
Discussed with Dr. Weber to maintain the 103 rejection	8/2/2011	KCS
WEST Search:DWPI, EPAB, JPAB, PGPB, USOG, USPT Search Strategy:: epitheli\$8 same cell same connective same tissue same matrix same gel and engineer\$6 same ((tissue or biologic\$9 same structur\$4)) same computer same(simulat\$7 or assist\$7 or design\$5 or (assisted same design\$5)) and matrix same gel and connective same tissue and epitheli\$8 same cell and cell\$6 near5 aggregat\$4 or composit\$5 oe scaffold\$4) and matrix same gel and ((cell\$2 aggregate) same ((predetermined or pre-knownor (already known) or preplanned or (thought through)or contemplated) and position) and diameter and (crosssection) ) and ((THREE DIMENSION\$5) and TISSUEand (CARTILAGE OR mesenchyma or (BONETISSUE)) and MONOLAYER and (COMPOSITIONOR SKELETON OR SCAFFOLD OR TISSUE OR MATERIAL) and ((CELL GROWTH) OR (TISSUERPAIR)) and biocompatible or (biologically compatible) ) ((cell\$2 aggregate) same ((predetermined or pre-known or (already known) or preplanned or (thought through) or contemplated) and position) and diameter and (cross section) ) and ((THREE DIMENSION\$5) and TISSUEand diameter and (cross section) ) ((cell\$2 aggregate) same ((predetermined or pre-knownor (already known) or preplanned or (thought through)or contemplated) and position) and diameter and (crosssection) ) and ((THREE DIMENSION\$5) and TISSUEand (CARTILAGE OR mesenchyma or (BONETISSUE)) and MONOLAYER )	8/11/2011	KCS
preplanned or (thought through) or contemplated) and position) and diameter and (cross section) ) and ((THREE DIMENSION\$5) and TISSUEand diameter and (cross section) ) ((cell\$2 aggregate) same ((predetermined or pre-knownor (already known) or preplanned or (thought through)or contemplated) and position) and diameter and (crosssection) ) and ((THREE DIMENSION\$5) and TISSUEand (CARTILAGE OR mesenchyma or (BONETISSUE)) and MONOLAYER )	8/11/2011	KCS
Updated INventor Name Searchn	8/11/2011	KCS
Re-verified Application Priority DAta ( e.g., PCT/US05/05735 filed 2/24/2005 nad 60/547,161 filed 2/24/2004	8/11/2011	KCS
Discussed with Dr. Weber to rejoin method & product Claims and allow Claims 1-9, 11-17, 52-66 and 85-88	3/21/2012	KCS
Updated Inventor NAm Search in e-DAN and in PALM	3/16/2012	KCS
Re-Verified Application Priority Data ( e.g., PCT/US05/05735 filed 2/24/2005 nad 60/547,161 filed 2/24/2004	3/23/2012	KCS
Searched Assignee daa	3/23/2012	KCS
WEST SEARCH in DWPI, EPAB, JPAB, , PGPB, USOC, USPTUpdated	3/23/2012	KCS
Search Strategy: In addition to above-stated search strategy updated WEST search with following strategy:	3/23/2012	KCS
((cell same aggregate) same (emmbbedded or immersed)and connective same tissue and epitheli\$8 same cell anddiameter same (cross section) or connective same tissueand matrix same gel and diameter same (cross section)or ("3D") OR ((3") near5 (D OR DIMENSION\$8)) andcell\$6 same (aggregat\$4 or composit\$5 or scaffold\$4) anddiameter same (cross section) or engineer\$6 same ((tissue	3/23/2012	KCS

/Kailash C Srivastava/  
Examiner.Art Unit 1657

## SEARCH NOTES

<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
or (biologic\$9 same structur\$4))) same computer same(simulat\$7 or assist\$7 or design\$5 or (assisted samedesign\$5)) and diameter same (cross section) or(COMPOSITION OR SKELETON OR SCAFFOLD OR TISSUE OR MATERIAL) SAME ((CELL GROWTH)OR (TISSUE REPAIR)) AND (THREE DIMENSION\$5)SAME TISSUE and diameter same (cross section) andbiocompatible or (biologically compatible) ) and(AGGREGATE )	3/23/2012	KCS
((cell and aggregate) and (emmbded or immersed) and(THREE DIMENSION\$5) and TISSUE ) and((COMPOSITION OR SKELETON OR SCAFFOLDOR TISSUE OR MATERIAL) and ((CELL GROWTH)OR (TISSUE REPAIR)) and biocompatible or(biologically compatible) and aggregate	3/23/2012	KCS

## INTERFERENCE SEARCH

<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
Updated Search in WEST	Updated Search in WEST	3/23/2012	KCS
435	395, 397	3/23/2012	KCS

/Kailash C Srivastava/  
Examiner.Art Unit 1657